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THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: HARDIN ET AL.

SERIAL NO: 10/007621

FILED: 12/03/01

FOR: ENZYMATIC NUCLEIC ACID SYNTHESIS:
COMPOSITIONS AND METHODS FOR ALTERING
MONOMER INCORPORATION FIDELITY

§ EXAMINER: RILEY, J.
§ GROUP ART UNIT: 1637
§ DOCKET: 00007/02UTL
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EV 510 916 603 US	CERTIFICATION UNDER 37 C.F.R. § 1.10	November 12, 2004
Express Mail Number		Date of Deposit
I hereby certify that this Application and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," addressed to:		
Assistant Commissioner for Patents		
MS Amendment		
Robert W. Stroger	P.O. Box 1450, Alexandria, VA 22313-1450	November 12, 2004
		Date of Signature

RESPONSE TO 17 SEPTEMBER 2004
ELECTION/RESTRICTION REQUIREMENT

Groups I and II

Applicants believe that the Examiner has not reconsidered the Restriction of Group I and II inventions as being capable of collective consideration in this application. If Applicants are mistaken, Applicants request the Examiner to so inform Applicants.

Species Elections

1. For claims 23, 32 and 43, Applicants elect the species **5-(2'-aminoethyl) aminonaphthalene-1-sulfonic acid (EDANS)**.
2. For claims 24, 33 and 44, Applicants elect the species **alkaryl and aralkyl groups** having between about 7 and about 40 carbon atoms, where the carbon atoms are replace by one or more hetero atoms in the structure provided the structure represents a stable molecular system, where the hetero atoms selected from the group consisting of P, S, Si, N, and O.
3. For claims 25, 34 and 45, Applicants elect the species **4-aminophenol**.
3. For claims 26, 35 and 46, Applicants elect the species **Adenosine-5'- (γ-ANS) triphosphate**.
4. For claims 36, 37 and 47, Applicants elect the species **polymerases**.